

**\*\*ATTACHMENT TO INTERVIEW SUMMARY\*\***

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April 13, 2011

Total Number of Pages  
(including cover letter):

6 pages

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Attached: proposed draft to be discussed in Personal Interview:  
CONFIDENTIAL - Wednesday April 20, 2011 at 11am (EST)

Serial No.

0/692,097

Docket No.

13768.462

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**\*\*ATTACHMENT TO INTERVIEW SUMMARY\*\*****\*\*\*CONFIDENTIAL ATTORNEY/CLIENT COMMUNICATION\*\*\*****\*\*\*DO NOT ENTER IN THE RECORD\*\*\*****SCHEMA HIERARCHY FOR ELECTRONIC MESSAGES**

Serial No.: 10/692,097

Docket No.: 13768.462

Examiner: John Moore Jain MacIlwain

Interview Date/Time: **Wednesday April 20, 2011 at 11am (EST)**

1. (Currently Amended) In a computer system that is network connectable along with one or more other computer systems to a network, the computer system including a processor and system memory, a method for ~~formulating~~ creating an electronic message that is ~~natively compatible with~~ can be sent using a plurality of different message protocols and ~~natively compatible with~~ that is formatted to be compatible with a plurality of different message applications, and that can be stored and accessed ~~with increased efficiency~~ efficiently, the method comprising:

an act of the processor creating a single message item representing the electronic message in accordance with a general message schema; the single message item ~~having creation including:~~

an act of defining one or more general data fields according to the general message schema that correspond to one or more general properties common to the plurality of different message protocols and common to the plurality of different message applications; message item creation including: an act of assigning including at least one data field corresponding to a primary type to the message item, the primary type indicating a primary behavior of a plurality of content portions linked to the message item;

an act of making the formatting the single message item compatible for compatibility with the plurality of different message protocols, including for each different message protocol in the plurality of different message protocols;

an act of attaching adding protocol specific data fields from at least one protocol specific extension schema to the single message item itself, to make the plurality of linked content portions compatible with the message protocol, each protocol specific extension in schema accounting for any properties that are common between the plurality of different message protocols;

an act of assigning values to the protocol specific data fields within the single message item;

an act of making the formatting the single message item compatible for compatibility with the plurality of different message applications, including for each different message application in the plurality of different message applications;

an act of attaching adding application specific data fields from at least one application specific extension schema to the message item itself, to make the plurality of linked content portions compatible with the message application, each application

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specific extension schema accounting for **\*** properties that are not common between the plurality **\*** different message applications[I, II]; and

an act of assigning values to **\*** application specific data fields within the single message item; **\*** properties of the at least one application-specific extension; and

an act of assigning values to **\*** one or more of the general data fields, thereby defining at least one general property that is common between two different extension schemas; and message extensions;

an act of sending the single message item to two or more of the plurality of different message applications via two or more of the plurality of different message protocols.

**DRAFT**

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44. (Currently Amended) A computer program product for use in a computer system that is network connectable along with one or more other computer systems to a network, the computer program product for implementing a method for formulating creating an electronic message that is natively compatible with can be sent via a plurality of different message protocols and natively compatible with a plurality of different message applications, can that be stored and accessed with increased efficiency/efficiently, the computer program product comprising one or more computer storage devices having stored thereon computer executable instructions that, when executed by a processor, cause the computer system to perform the following:

create a single message item representing the electronic message in accordance with a general message schema, the single message item having creation including:

populating one or more general data fields according to the general message schema that correspond to one or more general properties common to the plurality of different message protocols and common to the plurality of different message applications; message item creation including: assign, including at least one data field corresponding to a primary type to the message item, the primary type indicating a primary behavior of a plurality of content portions linked to the message item;

make populating the single message item with data fields that make the single message item compatible with the plurality of different message protocols, including: assign, including at least one different message protocol in the plurality of different message protocols;

attach-snapping on protocol specific data fields from at least one protocol extension schema to the single message item itself, to make the plurality of linked portions of content compatible with the message protocol, each protocol specific extension schema accounting for any properties that are not common between the plurality of different message protocols; and assigning values to properties-the protocol specific data fields of at least one protocol specific extension within the single message item;

make populating the single message item with data fields that make the single message item compatible with the plurality of different message applications, including for each different message application in the plurality of different message applications:

attach-snapping on application specific data fields from at least one application specific extension to the message item itself, to make the plurality of linked content portions compatible with the message application, each application specific extension schema accounting for properties that are not common between the plurality of different message applications[[,]]; and [[;]]

assigning values to properties-the application specific data fields of the at least one application specific extension within the single message item; [[and]]

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an act of assigning values to one or more of the general data fields, thereby defining at least one general property that is common between two different messaging extensions; and  
send the single message item to two or more of the plurality of different message applications via two or more of the plurality of different message protocols.

51. (New) The method as recited in claim 1, wherein the an act of sending the single message item to two or more of the plurality of different message applications via two or more of the plurality of different message protocols comprises:

an act of sending the single message item to a first message application selected from the plurality of different message applications using a first message protocol selected from the plurality of different message protocols; and

an act of sending the single message item to a second different message application selected from the plurality of different message applications using a second different message protocol selected from the plurality of different message protocols.

52. (New) The method as recited in claim 1, wherein the an act of sending the single message item comprises sending the same single message item to both the first message application and the second message application.

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53. (New) In a computer system that is network connected along with one or more other computer systems to a network, the computer system including a processor and system memory, a method for creating and sending electronic messages to a plurality of different message applications via a plurality of different message protocols based on a single message item that is formatted to be compatible with the plurality of different message applications and the plurality of different message protocols, the method comprising:

an act of the processor creating a single message item in accordance with a general message schema, the single message item including:

one or more general data fields defined according to the general message schema, and that correspond to one or more general properties common to the plurality of different message protocols and common to the plurality of different message applications;

one or more protocol specific data fields for each of the plurality of different message protocols, the protocol specific data fields defined from a plurality of protocol specific extension schemas corresponding to each of the plurality of different message protocols, each protocol specific extension schema accounting for any properties that are not common between the plurality of different message protocols; and

one or more application specific data fields for each of the plurality of different message applications, the application specific data fields defined a plurality of application specific extension schemas corresponding to each of the plurality of different message applications, each application specific extension schema accounting for properties that are not common between the plurality of different message applications; and  
an act of sending the single message item to a plurality of different message applications via a plurality of different message protocols, including:

sending the single message item to a first message application selected from the plurality of different message applications via a first message protocol selected from the plurality of different message protocols, using at least one general data field in the single message item, at least one protocol specific data field in the single message item corresponding to the first message protocol, and at least one application specific data field in the single message item corresponding to the first message application; and

sending the single message item to a second message application selected from the plurality of different message applications via a second message protocol selected from the plurality of different message protocols, using at least one general data field in the single message item,

at least one protocol specific data field in the single message item corresponding to the second message protocol, and at least one application specific data field in the single message item corresponding to the second message application.

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